

Tightly shut: Flexible valve margins and microstructural asymmetry in pteroid bivalves

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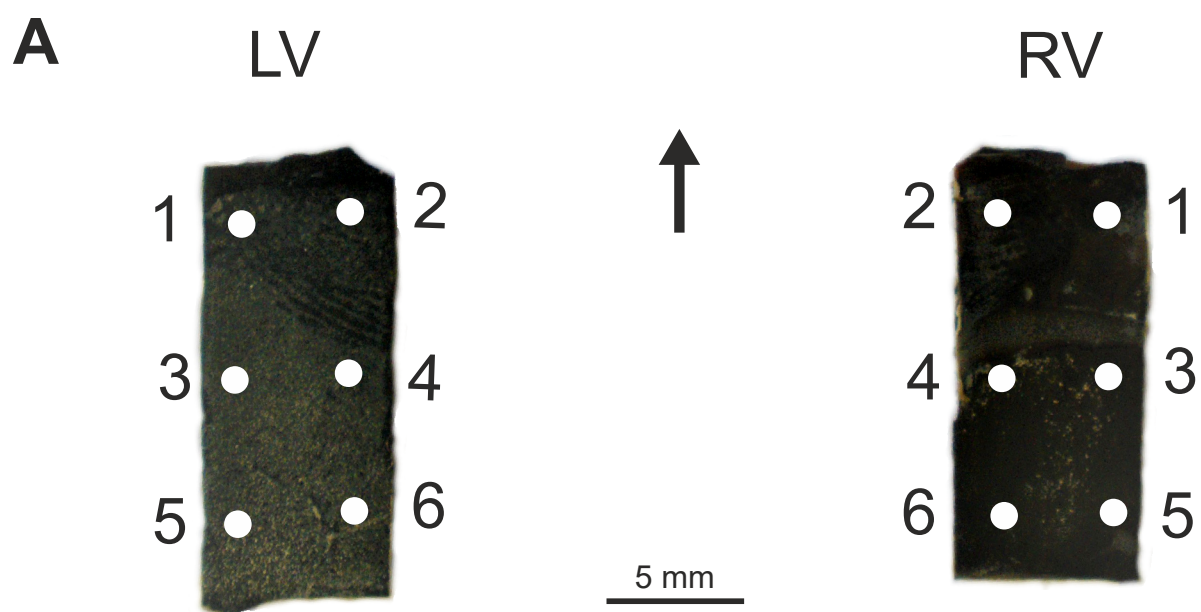
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Supplementary Figures 1 and 2. Measurement of prism density and membrane thickness on opposing points of specimens 983231 and 927796 of *Pteria penguin* (see Material and Methods section and caption to Table 3)

and

Supplementary bibliographic information for the taxonomic authorities given in Table 1



(See caption in page 4)

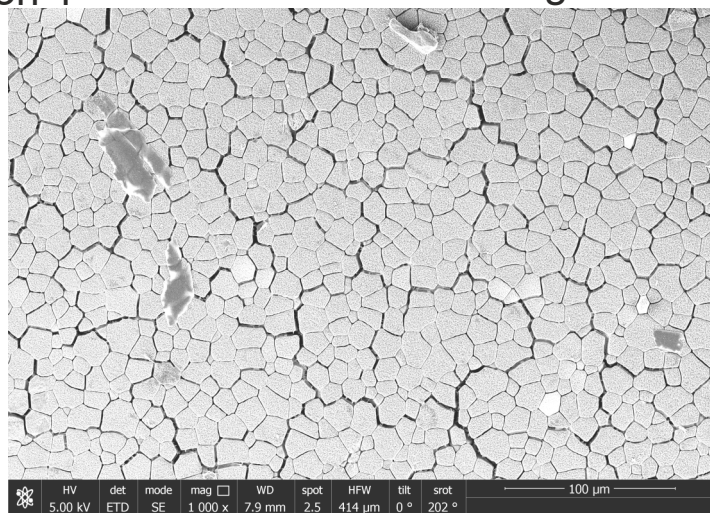
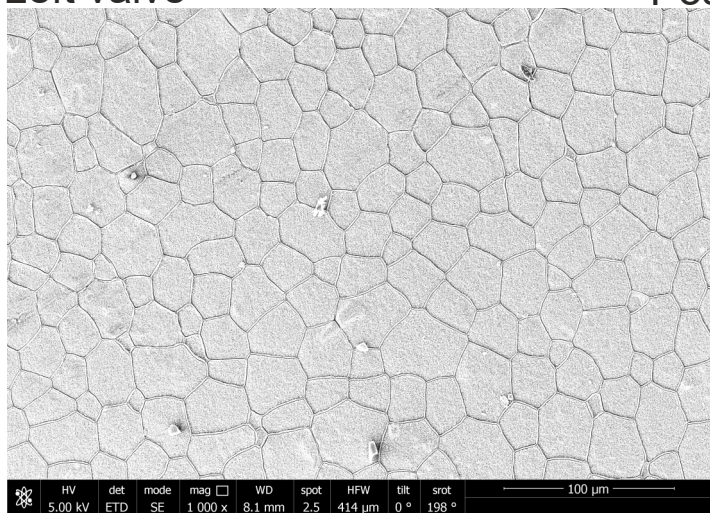
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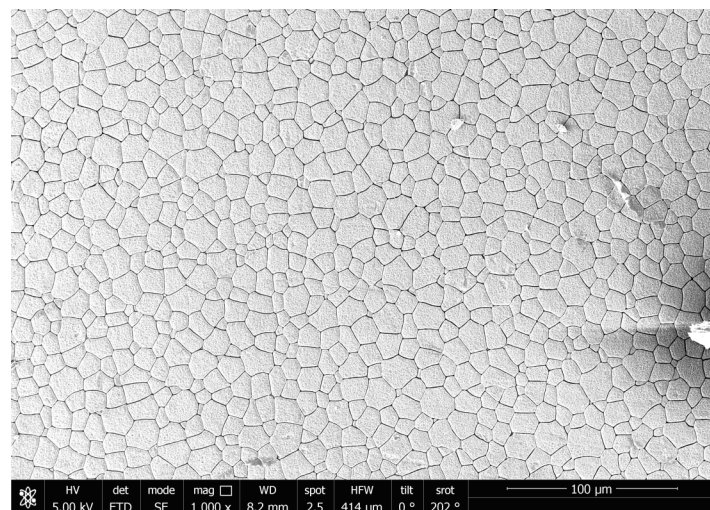
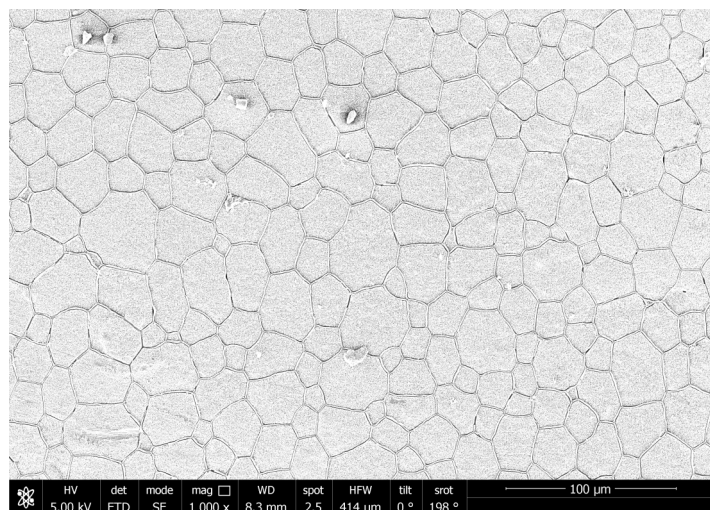
Left valve

Position 1

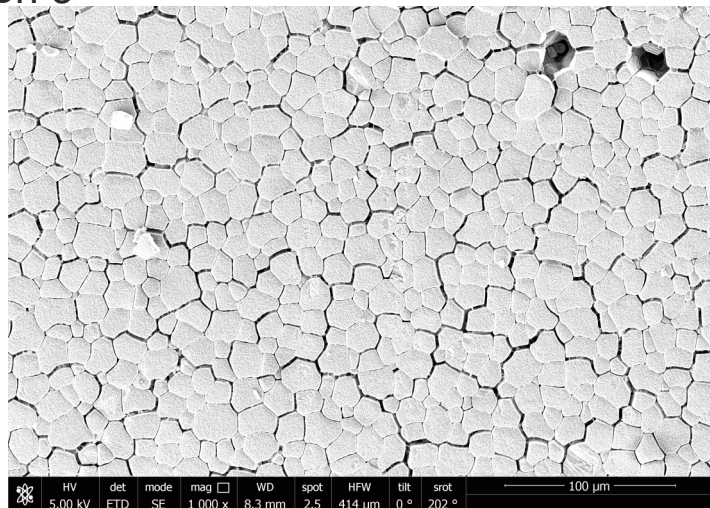
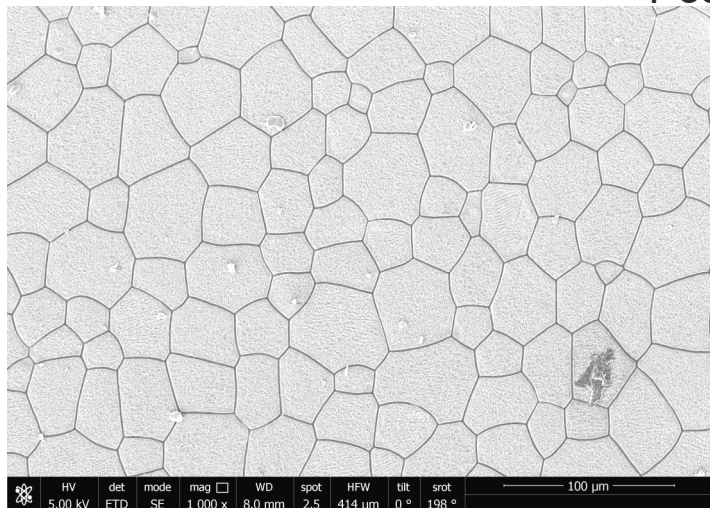
Right valve



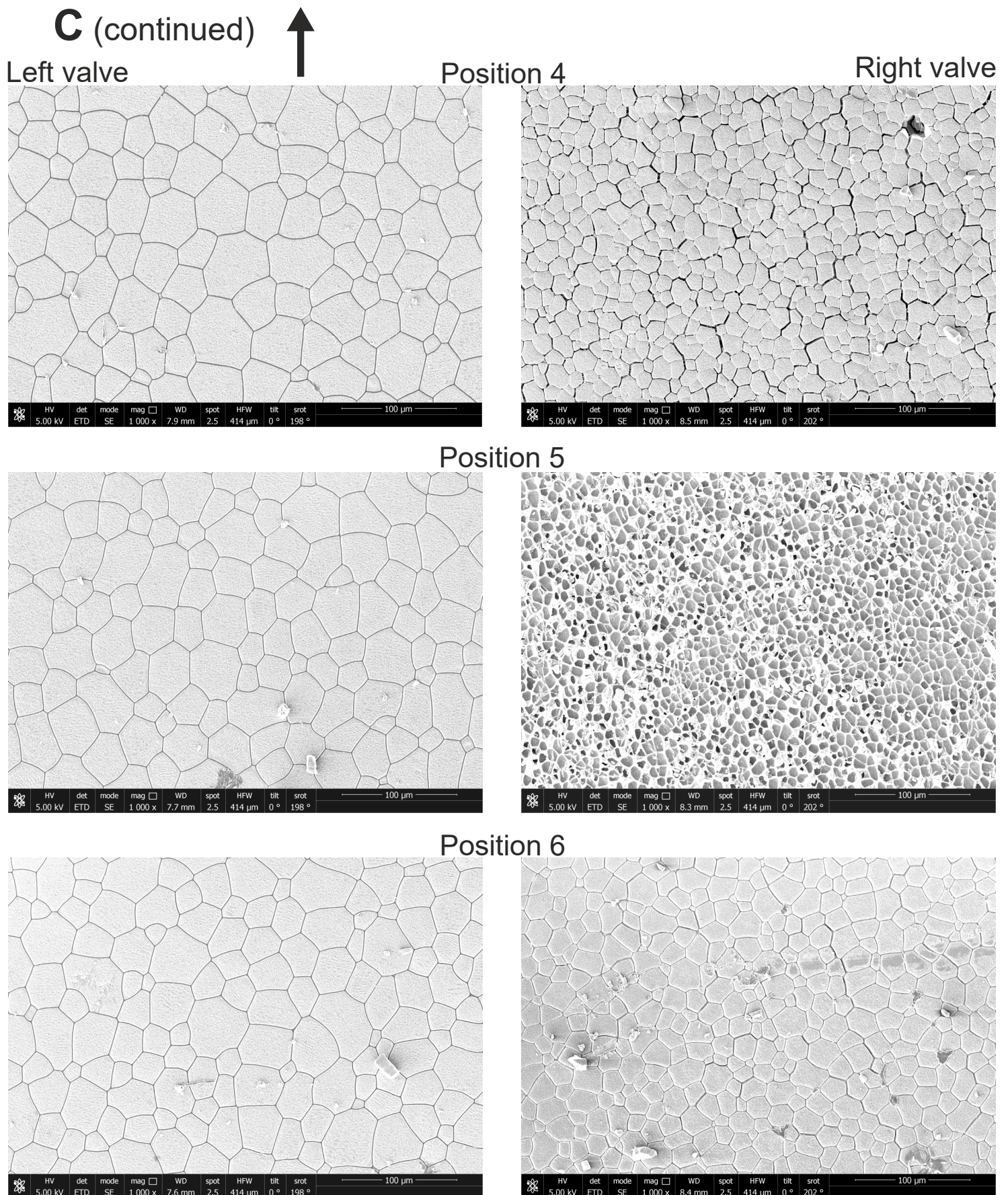
Position 2



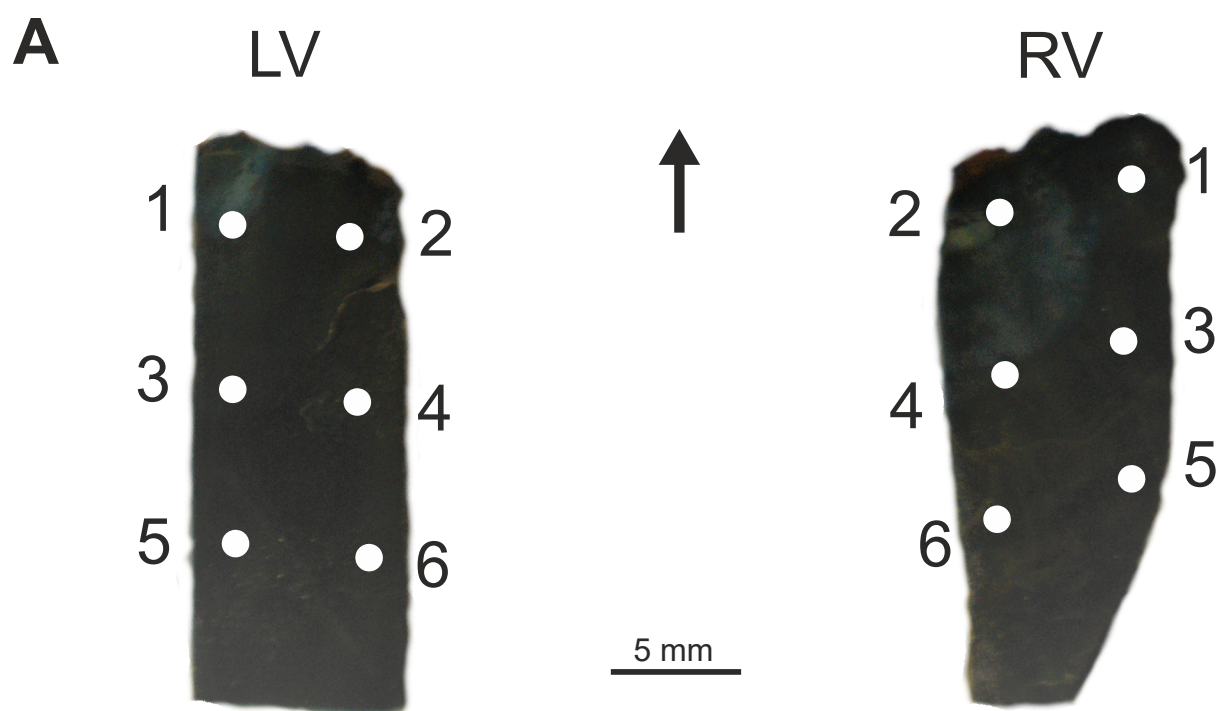
Position 3



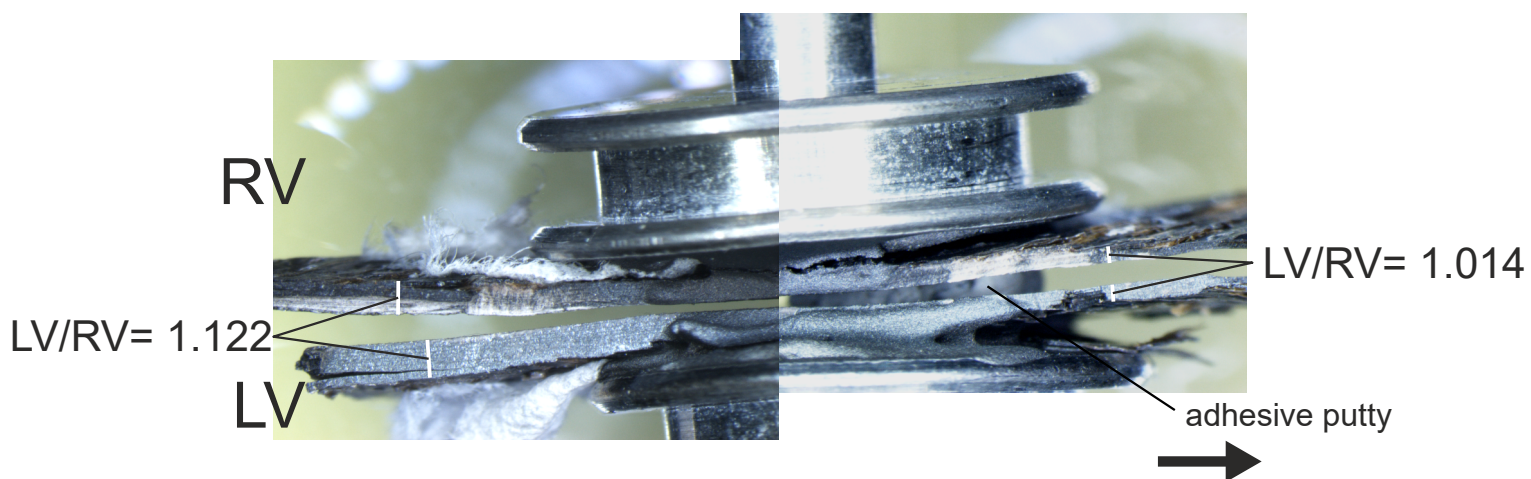
(See caption in page 4)



Supplementary Figure 1. Measurement of prism density and membrane thickness on opposing points of specimens 983231 of *Pteria penguin*. **A.** Views of the internal surfaces of the pieces cut out from both valves, with the measured positions indicated. **B.** Side views of the same pieces mounted on SEM stubs, for the calculation of the ratio LV/RV thickness. **C.** SEM images obtained at the different positions, on which prism numbers and membrane thicknesses have been estimated. Arrows indicate growth directions (valid for all images in C).



B



See caption in page 7

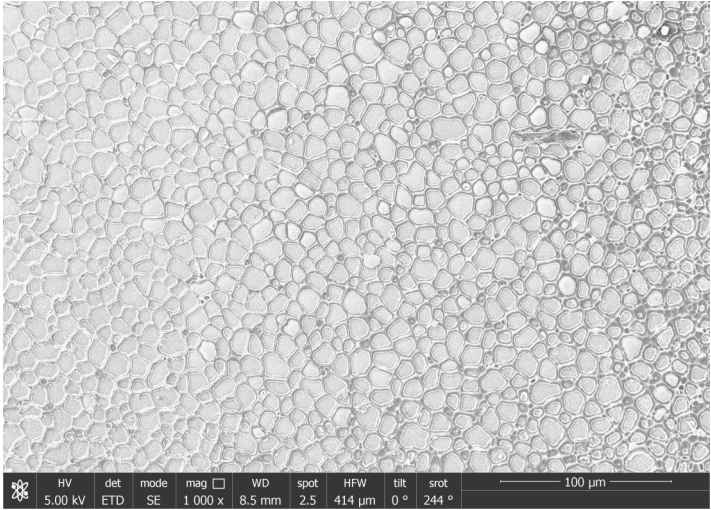
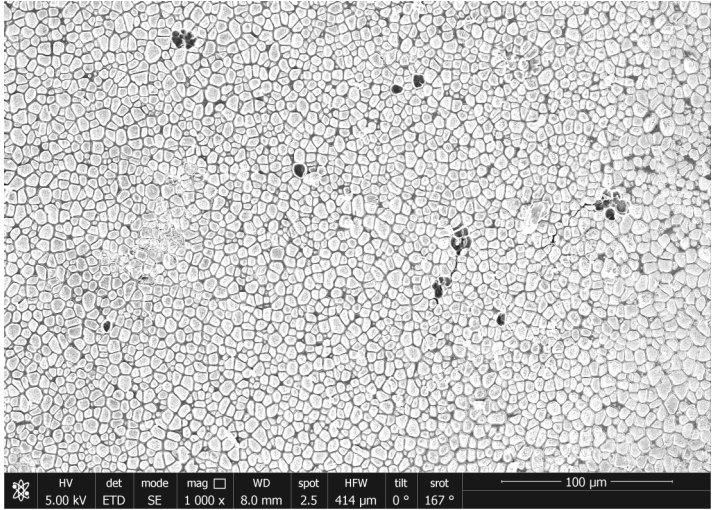
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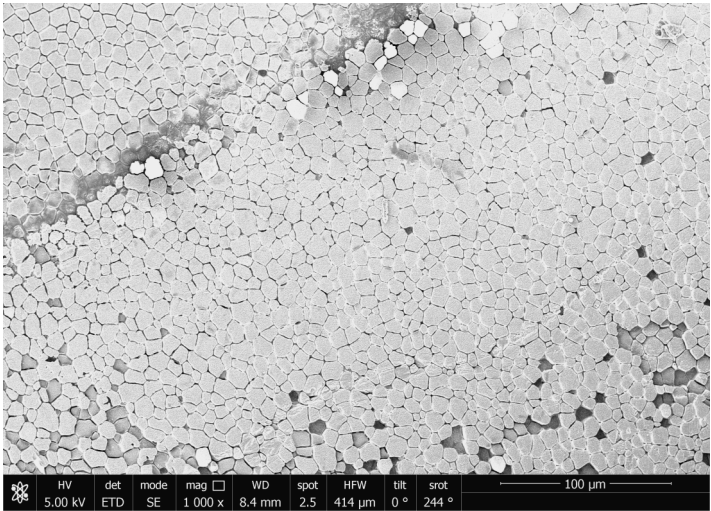
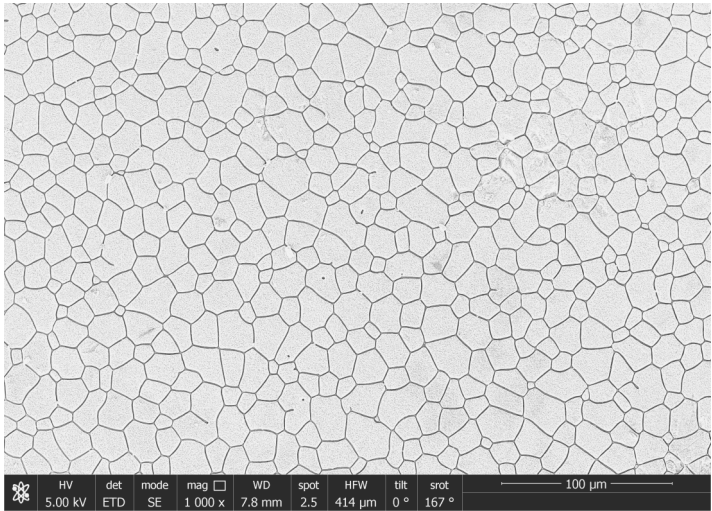
Left valve

Position 1

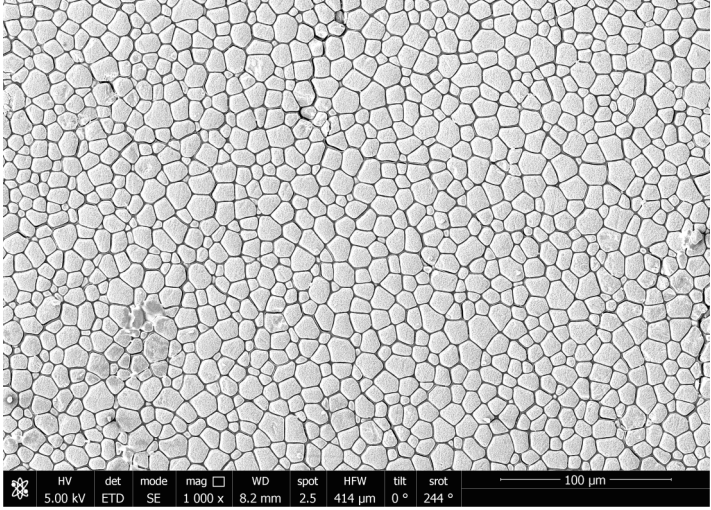
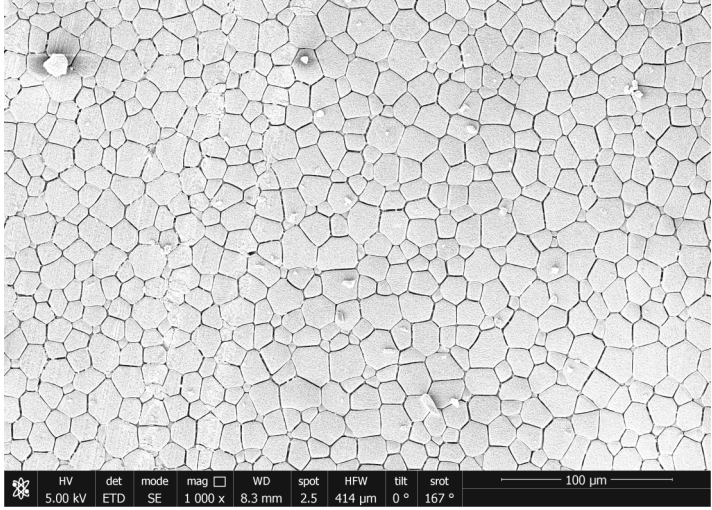
Right valve



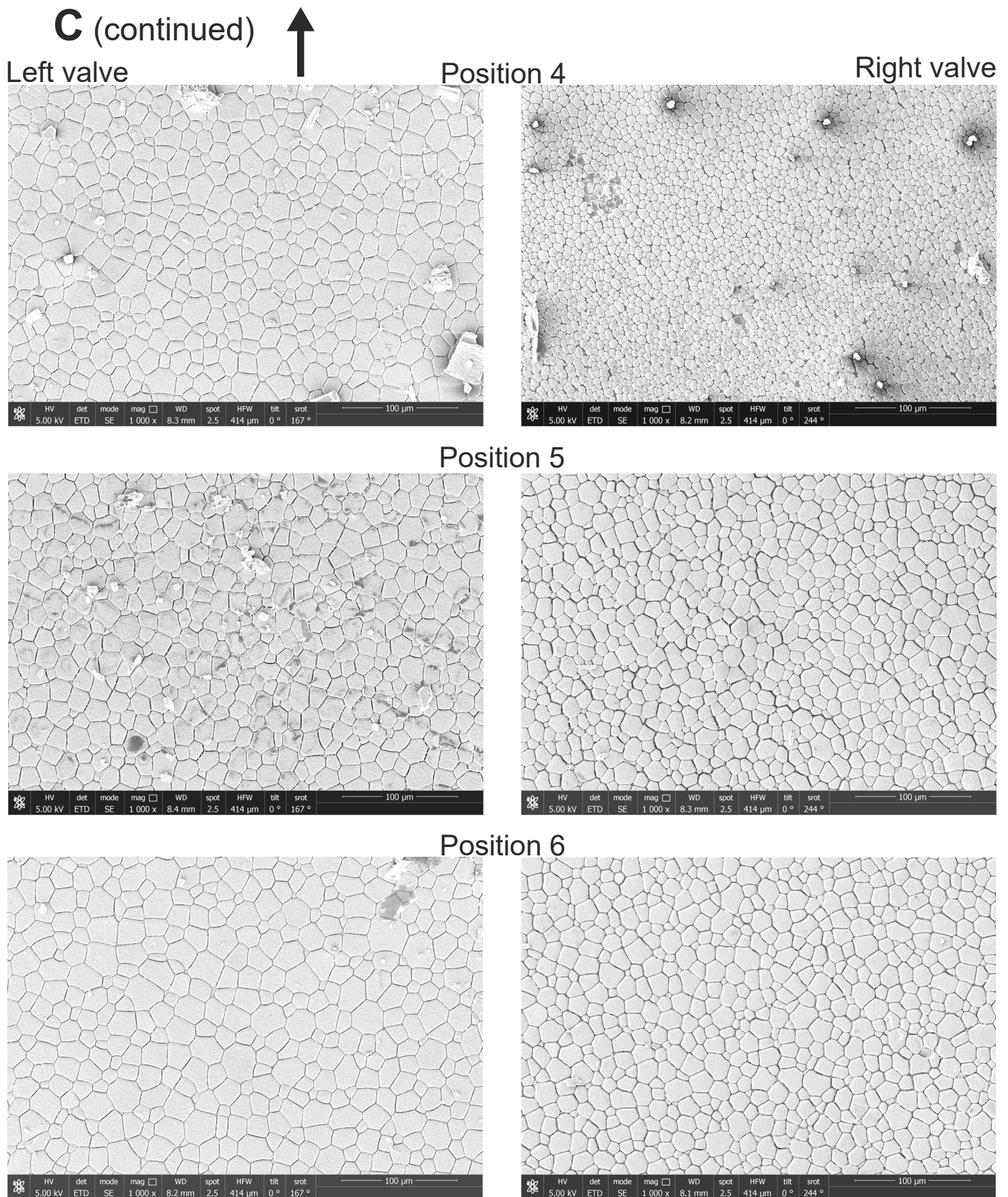
Position 2



Position 3



(See caption in page 7)



Supplementary Figure 2. Measurement of prism density and membrane thickness on opposing points of specimens 972296 of *Pteria penguin*. **A.** Views of the internal surfaces of the pieces cut out from both valves, with the measured positions indicated. **B.** Side views of the same pieces mounted on SEM stubs, for the calculation of the ratio LV/RV thickness. **C.** SEM images obtained at the different positions, on which prism numbers and membrane thicknesses have been estimated. Arrows indicate growth directions (valid for all images in C).

Supplementary bibliographic information for the taxonomic authorities given in Table 1

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